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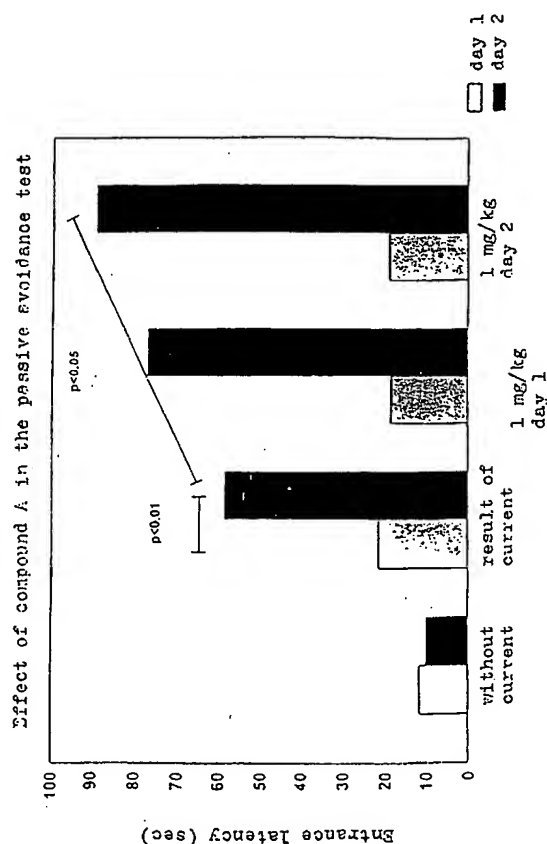
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(54) Title: SUBSTITUTED ALKYL-PYRIDAZINONES FOR THE TREATMENT OF MEMORY AND LEARNING
MALFUNCTIONS



(57) **Abstract:** The compounds of the general Formula I, wherein R¹ stands for hydrogen or lower alkyl; one of symbols X and Y stands for hydrogen or halogen and the other represents a group of the general Formula II, R² is hydrogen or lower alkyl; n is 1, 2 or 3; R³ is hydrogen, lower alkyl or aryl-lower alkyl; Z is -O-; or R³ and Z together with the intermediate atoms form a piperazino ring; Q and W independently from each other stands for -CH= or -N=; and R⁴, R⁵ and R⁶ can be the same or different and stand for hydrogen, halogen, trifluoromethyl or lower alkoxy; or R⁴ and R⁵ together form an ethylenedioxy group) and pharmaceutically acceptable salts thereof can be used for the treatment or prophylaxis of malfunctions of memory and/or cognitive decline or prevention of decline of learning abilities.

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